

Headquarters U.S. Air Force

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Air and Space Operations Center (AOC) Weapon System Lead System Integrator (LSI) Industry



**Day
8 - 9 Sep 03
Lt Col Laurie Carpentier
PM, AOC WS LSI
781-271-8475**

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Overview

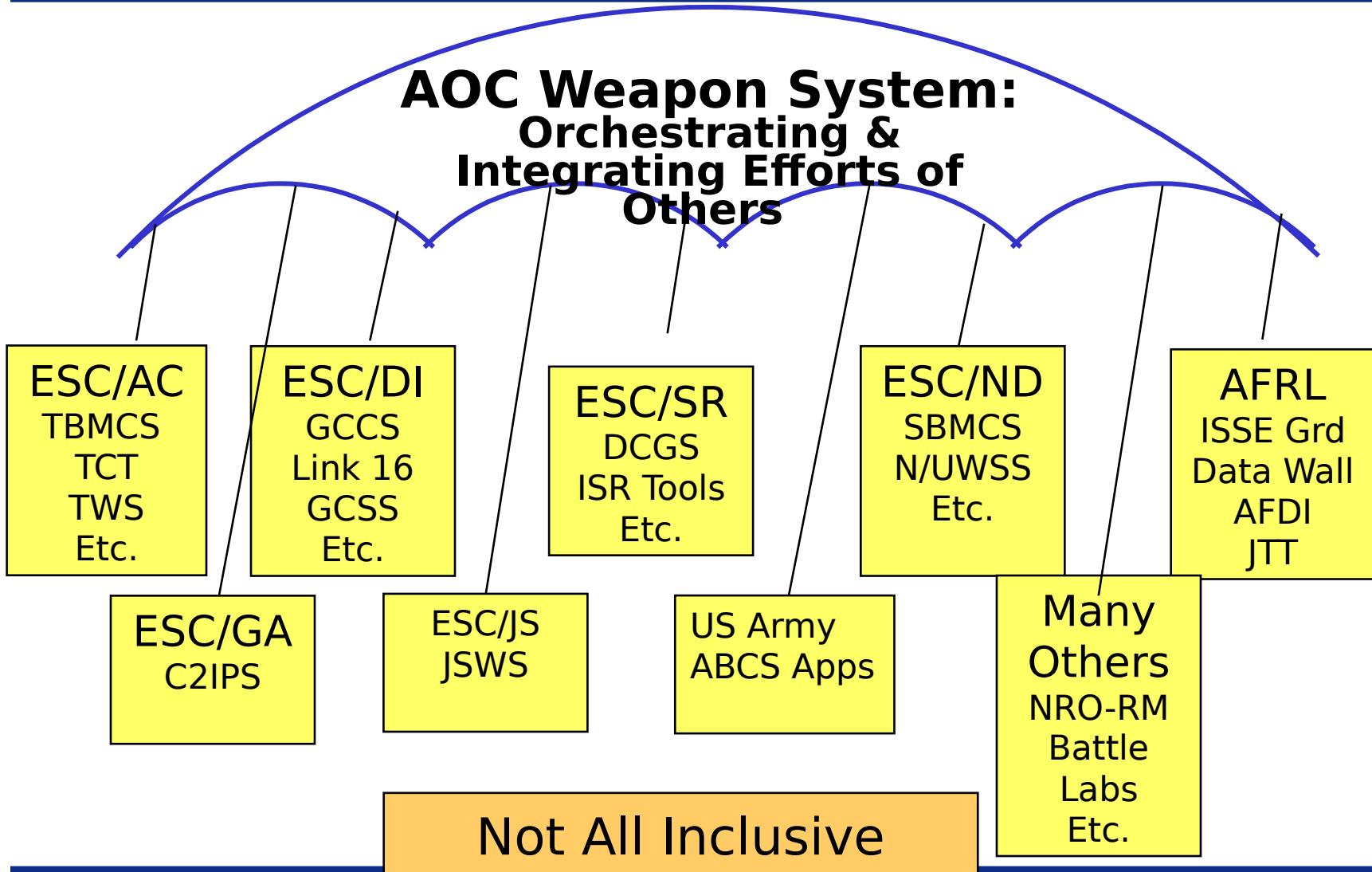
- **Block 10 Approach**
- **AOC WS LSI Goals**
- **Potential LSI Acquisition Strategy**
- **Organizational Conflict of Interest (OCI)**
- **Industry's Role**



AOC Weapon System Block 10

Approach

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Block 10.1 System List

Capabilities

- Improved ATO production & dissemination
- Common air picture
- Initial Formal Training Unit (FTU) infrastructure
- Initial Battlespace Visual.
- Initial TCT Capability
- Initial Plans Automation
- Initial ISR Management
- Limited Coalition Interop
- Transportable - limited deployability
- Improved M2M
- Initial Info Services Capability
- Airspace management
- Collaboration (chat)
- Comm/Info management

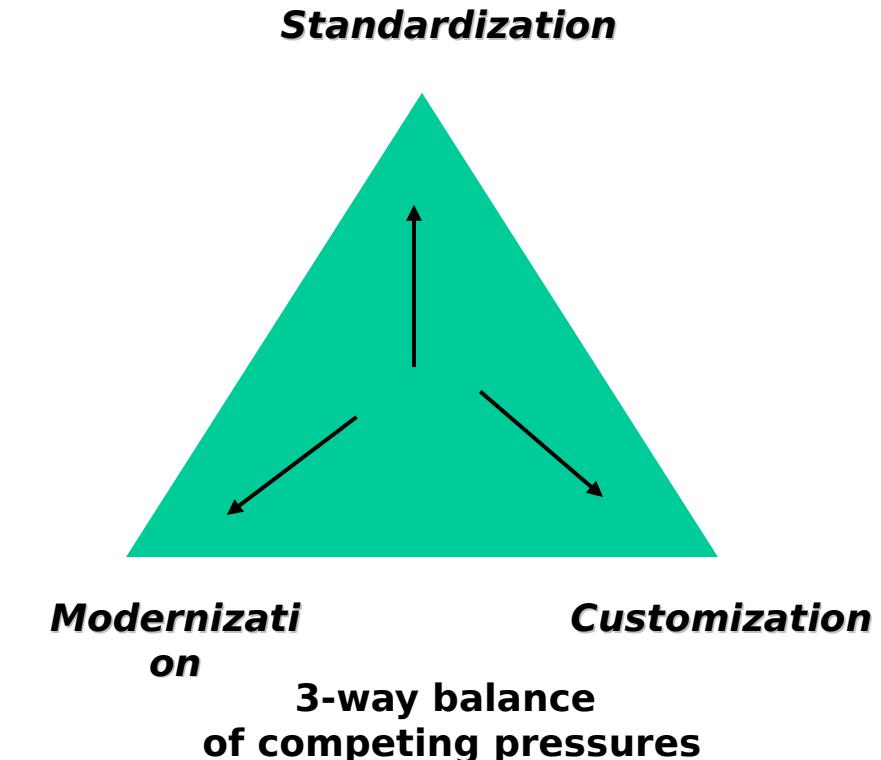
Looking for Integrator, not developer

- IW/Space

- Air Mobility Coordination



- We will execute the CSAF's direction for the AOC WS with a two-pronged approach
 - **Standardize** - Accelerate IOC and FOC for Block 10.1 (AUAB config)
 - Three fielding activities started in FY03 (Congressional/OSD funded)
 - Timing of deliveries depends on funding stability
 - Current funding pushes one Falconer into FY06
 - Currently rescoping Training Suite Rqts w/ ACC and AFC2ISRC
 - **Modernize** to enable Air Force CONOPS via spiral development
 - Spirals defined and prioritized, development will begin in FY05
 - **Functional AOCs (x5) deferred until FY08-09 due to funding**



LSI - Methodology and process to accommodate change



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AOC WS LSI Goals

- **Integration / Modernization**
 - **Develop and implement an AOC that facilitates ease of info exchange in a Network Centric environment**
 - **Lower integration “touch time” required to achieve interoperable & integrated capabilities**
 - **Lower barriers for entry and exit of businesses into AOC BM/C2 market**
 - **Leverage existing govt investments, commercial technology, standards, and best practices**
 - **Minimize duplication of functionality and minimize functional gaps with in the AOC**
 - **Ensure the AOC is operationally efficient, scaleable for differing levels of conflict, and is continually improving**



AOC WS LSI Goals (continued)

- **Integration / Modernization / Training**
 - Increase the “value” of the AOC functionality
- **Modernization / Standardization / Sustainment**
 - Balance AOC modernization with AOC stability and sustainment
- **Modernization**
 - Infuse innovation in technology & operational methods leading to better speed and quality of capability fielding
 - Make it easy for all suppliers to collaboratively incorporate new functionality/capability into AOC, balancing customization with standardization
- **Fielding**
 - Provision AOC Materiel to specific locations in 4 different configurations (Falconer, Functional, Training and Innovation, and Training Suites)

***Improving the capability of Air & Space Battle
Management***

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**AOC LSI
Strategy**



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Four Major Areas of Effort

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- **Integration**
 - **Development of architecture to support future growth and incorporation of new systems**
- **Modernization**
 - **Maintaining Config Control and ensuring system upgrades effectively operate in the AOC**
- **Fielding**
 - **Site surveys, install, check-out**
- **Sustainment**
 - **Site license procurement, hardware replacement**

Refer to Concept Paper 2: “Goals for the AOC as a Weapon System” for additional details



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Potential Overarching Strategy

- **Choose an LSI via a two-phased rolling down select to**
 - **Reduce risk of choosing a contractor who does not have a robust integration/modernization approach**
 - **Provide contractors opportunity to observe actual fielding and operations while developing integration and modernization approach/methodology**



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Two-Phased Rolling Down-Select

- **Phase 1: Down-select to multiple offerors who**
 - **Demonstrate innovative approach to integration and modernization of the AOC**
 - **Demonstrate ability to field and sustain the AOC**
- **Phase 2: Multiple offerors refine team's integration and modernization approach**
 - **Identify information architecture and integration path the team believes will provide the best option for future growth/change**
 - **Observe AOC Block 10.1 fielding and operation**



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Products to be delivered

- **Process papers that describe a methodology for achieving innovative integration**
- **Papers that describe integration techniques**
- **Proposal for entire LSI effort**
- **Integration scenario exercise**

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OCI



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Organizational Conflict of Interest (OCI) - Definition

- An Organizational Conflict of Interest (OCI) may result when factors create an *actual or potential* conflict of interest on a contract, or when the nature of the work to be performed on the contract creates an *actual or potential* conflict of interest on a future acquisition. In the latter case, some restrictions on future activities of the contractor may be required (FAR 9.5).



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OCI - Who needs to be concerned

- **Support contractors**
- **Product providers**



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Required OCI Documentation

- Listing of all current AF related contracts
 - Include Government POCs and phone number
- Organizational structure of company (or team of companies) including reporting structure
- Proposed OCI mitigation plan
 - Including but not limited to:
 - Proposed isolation of staff & organizations currently performing related work
 - Proposed changes on mgmt reporting chains
 - Prohibition of personnel transfer between/among affected and non-affected divisions
 - OCI training plan
 - OCI violation reporting procedures
- Submit to Contracting Officer for review



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OCI - Bottomline

- **Burden is on contractors to identify and propose elimination / mitigation**
- **Government team standing by to work on case by case basis**



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What Can Industry Do to Help?

- Provide feedback on:
 - Proposed acquisition strategy
 - Goals for AOC as a Weapon System Concept Paper 2
 - Risk areas with our approach
 - Effective industry / Government communication

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*We don't have all the answers yet,
looking forward to dialog and Industry
comments*